

## WHAT IS CLAIMED IS:

1. A DSL terminal-An Exchange device connecting system comprising:

the exchange device;

a DSL subscriber terminal;

5 an IAD to which said DSL subscriber terminal is connected; and

a DSL interposed between said exchange device and said IAD,

10 wherein said exchange device having a VMG for terminating an ATM cell which is multiplexed on said DSL.

2. The DSL terminal-An Exchange device connecting system according to claim 1, wherein said VMG including a DSL IF terminating unit for terminating said ATM cell directly.

3. The DSL terminal-An Exchange device connecting system according to claim 2, wherein said VMG further comprises:

5 an AAL processing unit for dividing said ATM cells terminated at said DSL IF terminating unit to a voice signal cell and a call control cell;

a DSP for converting an ADPCM data of said voice signal cell; and

10 a MUX/DMUX for multiplexing said voice signal cell converted by said DSP and said call control signal cell.

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4. The DSL terminal switchboard connecting system according to claim 3, wherein said DSP converts said voice signal cell from a 32KADPCM data to a 64KADPCM data.

5. The DSL terminal-An exchange device connecting system according to claim 3, further comprising a DSLAM which is terminated at said DSL to thereby convert voice over said DSL into the ATM cell, said DSLAM being connected to said AAL processing unit through an ATM network.

6. A DSL terminal-An exchange device connecting method comprising the steps of:

terminating at an exchange device a voice packet transmitted as multiplexed over a DSL; and

5 converting at said exchange device said voice packet into a packet according to an existing exchange device interface.

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